

Title (en)

Method and apparatus for quick content channel discovery, streaming, and switching

Title (de)

Verfahren und Vorrichtung zur schnellen Inhaltskanalerkennung, -Streaming und -umschaltung

Title (fr)

Procédé et appareil de recherche de canal de contenu rapide, diffusion et commutation

Publication

EP 2822251 A1 20150107 (EN)

Application

EP 14169377 A 20140522

Priority

US 201313935886 A 20130705

Abstract (en)

An approach is provided for quick content channel discovery, and with minimal latency, streaming of a content stream, and switching from one content stream to another content stream available from various content providers. A method includes a buffering of one or more original content streams from one or more provider sources to generate one or more buffered content streams by at least one buffering service. The method also includes determining one or more requests from at least one device to access at least one of the one or more original content streams. The method further includes, in response to the one or more requests, an initiation of a streaming of at least one of the one or more buffered content streams from the at least one buffering service to the at least one device in place of the at least one of the one or more original content streams.

IPC 8 full level

H04L 29/08 (2006.01); **H04L 29/06** (2006.01); **H04N 21/231** (2011.01); **H04N 21/239** (2011.01); **H04N 21/438** (2011.01); **H04N 21/472** (2011.01)

CPC (source: EP US)

H04L 65/612 (2022.05 - EP US); **H04L 65/613** (2022.05 - EP US); **H04L 65/80** (2013.01 - EP US); **H04L 67/568** (2022.05 - EP US); **H04N 21/222** (2013.01 - EP US); **H04N 21/23406** (2013.01 - EP US); **H04N 21/4126** (2013.01 - EP US); **H04N 21/4384** (2013.01 - EP US); **H04N 21/6143** (2013.01 - EP US)

Citation (search report)

- [X1] WO 2010114451 A1 20101007 - ERICSSON TELEFON AB L M [SE], et al
- [X1] US 7562375 B2 20090714 - BARRETT PETER T [US], et al
- [X1] US 2011239262 A1 20110929 - YANG PEILIN [CN], et al
- [X1] EP 2352289 A1 20110803 - HUAWEI TECH CO LTD [CN]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2822251 A1 20150107; US 2015012660 A1 20150108; US 2017324791 A1 20171109

DOCDB simple family (application)

EP 14169377 A 20140522; US 201313935886 A 20130705; US 201715656832 A 20170721